INDEX

Anthony, W. L.: see Beher, W. T., jt. auth.

Arrott, A.: see Freeman, M. W., jt. auth.
see Watson, J. H. L., jt. auth.

Baker, G. D.: see Beher, W. T., jt. auth.
see Sieracki, J. C., jt. auth.

Barron, J.: Nutrition in diseases of the colon and rectum, 365 *ab*
Rervsed figure six ileorectostomy, 188 *ab*
see Fallis, L. S., jt. auth.

Barsky, D.: see Schimek, R. A., jt. auth.

Barlett, P., and Shelata, S.: Mechanism of aminonucleroside-induced nephrosis in the rat. I. Metabolism of tritiated aminonucleoside, 188 *ab*

Bartone, J.: Chronic pulmonary diseases and associated neurologic disturbances, 123

Basinski, D. H.: see Pachter, M. R., jt. auth.

Bebin, J.: see Sieracki, J. C. jt. auth.

Beher, W. T., Baker, G. D., and Anthony, W. L.: Effect of cholic and hyodeoxycholic acids on metabolism of exogenous cholesterol in mice, 188 *ab*
Anthony, W. L., and Baker, G. D.: Influence of bile acids on cholesterol metabolism in the mouse, 189 *ab*
Anthony, W. L., and Baker, G. D.: Regulation of cholesterol mobilization in mice by bile acids, 477 *ab*
and Baker, G. D.: Inhibition of cholesterol biosynthesis by cholic acid, 189 *ab*

Beninson, J.: see Brush, E. E., jt. auth.

Berg, R.: see Heller, W., jt. auth.

Bernath, P.: see Kearney, E. B., jt. auth.

Block, M. A., Brush, B. E., and Horn, R. C.: Incidental carcinoma found in surgery for thyroid nodules, 365 *ab*
Horn, R. C., and Brush, B. E.: The place of total thyroidectomy in surgery for thyroid carcinoma, 477 *ab*
and Brush, B. E.: Present day management of thyroid nodules and malignancy, 365 *ab*
see Miller, J. M., jt. auth.

Boeri, E., Cremona, T., and Singer, T. P.: The d-a-hydroxy acid dehydrogenase of yeast, 366 *ab*

Bohne, A. W.: Calculous disease, 367 *ab*
Urinary tract infections, 367 *ab*

Boyd, C. B.: see Rebuck, J. W., jt. auth.

Brannen, M.: see Livingood, C. S., jt. auth.

Brennan, M. J.: Indications for cancer chemotherapy, 367 *ab*

Bridwell, T., and Priest, R. J.: Management of gastric polyps, 195 *ab*

Brinkman, G. L., and Chaikof, L.: Rheumatoid lung disease; report of case which developed in childhood, 93 *ab*
Significance of pleural effusion complicating otherwise operable bronchogenic carcinoma, 189 *ab*
Remp, D. G., Coates, E. O., Jr., and Priest, E. M.: Treatment of respiratory acidosis with THAM, 367 *ab*
Use of THAM to prevent hyperventilation and acidosis while breathing carbon dioxide, 368 *ab*

Brown, R. W.: see James, T. N., jt. auth.

Brush, B. E., Wylie, J. H., Jr., and Beninson, J.: Some devices for the management of lymphedema of the extremities, 189 *ab*
see Block, M. A. jt. auth.
see Ponka, J. L., jt. auth.

Burns, R. E.: see Kopstein, J. B., jt. auth.

Cahalane, S. F., and Horn, R. C., Jr.: Thrombotic thrombocytopenic purpura of long duration, 93 *ab*

Caldwell, M. J., Horn, R. C., Jr., and Johnson, S. A.: Some basic aspects of clot dissolution, 190 *ab*
see Johnson, S. A., jt. auth.

Camacho, E.: Experimental study on the action of bile in the normal dog and its protective role in dogs with ulcerogenic operation, 345

Canton, J. N., and Hodgkinson, C. P.: Granulosa and theca cell tumors of the ovary, 318

Chaikof, L.: see Brinkman, G. L., jt. auth.

Choitz, H. C., and Gaebler, O. H.: Effect of corticotropin and growth hormone on allantoin synthesis and excretion in the dog, 477 *ab*

Churchill, J. A.: see Via, W. F., Jr. jt. auth.

Clifford, R. H.: see Kelly, A. P., Jr. jt. auth.

Coates, E. O. Jr.: see Brinkman, G. L., jt. auth.
see Gish, J. R., jt. auth.
see Pauli, H. G., jt. auth.

Cobert, N.: see Hodgkinson, C. P., jt. auth.

Coleman, J. F., Ziegler, R., and Green, E.: Pediatric cardiac catheterization analgesia or anesthesia, 306

Colville, J. M.: see Quinn, E. J., jt. auth.

Cox, F., Jr.: see Quinn, E. J., jt. auth.

Cremona, T.: see Boeri, E., jt. auth.

Derlacki, E. L.: see Shambaugh, G. E., Jr., jt. auth.

Dobben, G. D.: see DuSault, L. A., jt. auth.

Doub, H. P., and Shea, J. J.: Pneumatosis cystoides intestinalis, 368 *ab*
see Gish, J. R., jt. auth.

Drake, E. H.: Refractory heart failure, 138

Durham, R. H.: see Frame, B., jt. auth.

DuSault, L. A., Eyler, W. R., and Dobben, G. D.: Combination of oxygen and optimum fractionation in radiation therapy of adenocarcinoma, 93 *ab*
see Gish, J. R., jt. auth.

Edsel B. Ford Lecture: see Lehninger, A. L.,
see Zworykin, V. K.

ab abstract

INDEX

Elliott, D. N., Stein, L., and Harrison, M. J.: Determination of absolute-intensity thresholds and frequency-difference thresholds in cats, 368 *ab*

Ensign, D. C., Sigler, J. W., and Wilson, G. M.: Steroids in rheumatoid arthritis, 369 *ab*

Ernst Bischoff Lecture: see Gaebler, O. H.

Estabrook, R. W.: see Packer, L., jt. auth.

Eyler, W. R., Nixon, R. K., and Priest, R. J.: Familial recurring polyserositis, 477 *ab*
see DuSault, L. A., jt. auth.
see Smith, R. W., Jr., jt. auth.

Fallis, L. S., and Barron, J.: Combined operation of gastrectomy and vagotomy, 190 *ab*
and Barron, J.: Ileorectal anastomosis in ulcerative colitis, 478 *ab*
and Barron, J.: Loop ileorectostomy, 369 *ab*
Lam, C. R., and Ponka, J. L.: The workshop of the surgeon—the modern operating room, 190 *ab*

Fine, G., Marshall, R. B., and Horn, R. C., Jr.: Tumors of the minor salivary glands, 478 *ab*
see Sieracki, J. C., jt. auth.
see Thomas, M. A., jt. auth.

Fisher, H. F.: Mechanism of the glutamic dehydrogenase reaction. I. Molecularity of the first complex formed, 479 *ab*
On the nature of the fluorescence of enzyme—DPNH complexes, 478 *ab*

Fleming, J. L.: The Pugh nail in the treatment of hip fractures, 191 *ab*
see Mitchell, C. L., jt. auth.

Fosnaugh, R. P.: see Hu, F., jt. auth.
see Reynolds, H., jt. auth.

Fox, J. D., and Ponka, J. L.: Diverticulosis of the colon, 93 *ab*
see Ponka, J. L., jt. auth.

Frame, B., and Haubrich, W. S.: Peptic ulcer and hyperparathyroidism, 369 *ab*
and Manson, G.: Refractory rickets and osteomalacia, 293
and Durham, R. H.: Simultaneous hyperthyroidism, 191 *ab*

Freeman, M. W., Arrott, A., and Watson, J. H. L.: Magnetism n medicine, 480 *ab*
and Watson, J. H. L.: Role of electron microscopy in the development of a new science "crystallurgy", 479 *ab*
see Watson, J. H. L., jt. auth.

Frost, H. M.: Crossed-pin technique in management of complex tibial fractures, 394
An economical microfluorescence set-up for detection of tetracyclines in bone, 197
In vivo impremeability of feathered bone to tetracyclines, 225
In vivo osteocyte death, 370 *ab*
Introduction to joint biomechanics, 415
Lamellar osteoid mineralized per day in man 267
Measurement of osteocytes per unit volume and volume components of osteocytes and canaliculae in man, 208
A new bone affection: feathering, 370 *ab*
Observations on fibrous and lamellar bone, 199
Observatons on osteoid seams: existence of a resting state, 220
Presence of microscopic cracks in vivo in bone, 25
Pyogenic osteomyelitis: normal bone spaces as a bacterial reservoir, 263
Some aspects of the mechanics and dynamics of blood-bone interchange, 36
and Villanueva, A. R.: Observations on osteoid seams, 212
Villanueva, A. R., and Roth, H.: Halo volume, 228
Villanueva, A. R., and Roth, H.: Measurement of bone formation in a 57 year old man by means of tetracyclines, 239
Villanueva, A. R., and Roth, H.: Pyogenic osteomyelitis: diffusion in live and dead bone with particular reference to the tetracyclines antibiotics, 225
Villaneuva, A. R., and Roth, H.: Tetracycline staining of newly forming bone and mineralizing cartilage in vivo, 370 *ab*

Fuller, R. E., and Morgan, W. L., Jr.: Role of ions in muscle excitation and contraction, 55

Gaebler, O. H.: Adventures in clinical chemistry (1959 Ernst Bischoff Lecture) 383
see Choitz, H. C., jt. auth.

Gahagan, T.: The Trendelenburg operation: pulmonary artery embolectomy, 455
(New staff member), 363

Gilfillan, N., and Wylie, J. H., Jr.: Acute cholecystitis in children, 433

Gish, J. R., Coates, E. O., DuSault, L. A., and Doub H. P.: Pulmonary radiation reaction: a vital capacity and time-dose study, 191 *ab*

Green, E.: see Coleman, J. F., jt. auth.

Green, H. L.: Pheochromocytoma; a survey of current concepts, 103

Greer, J. E., and Menard, R. R.: Repeated association of staphylococcal antibiograms and phage types, 480 *ab*

Hafner, C. D., and Wylie, J. H., Jr.: Hazards of gastro-intestinal intubation, 163

Harrison, M. J.: see Elliott, D. N., jt. auth.

Harrison W. H.: see Shambaugh, G. E., Jr., jt. auth.

Haubrich, W. S. (Special award) 476
see Frame, B., jt. auth.

Havey, G. T., and Priest, R. J.: Evaluation of needle biopsy of the liver (1950-58) 19
see Priest, R. J., jt. auth.

Heller, W., Rowe, E., Berg, R., and Watson, J. H. L.: Effect of partial coagulation upon the size distribution curve in heterodisperse colloidal systems, 191 *ab*

Henny, F. A.: Dental care planning in hos-

ab abstract

pitals, 192 *ab*
Present and future problems in oral surgery, 192 *ab*

Hildebrand, J. F.: see Reynolds, H., jt. auth.

Hildyard, V.: see Shambaugh, G. E., Jr., jt. auth.

Hodgkinson, C. P., and Cobert, N.: Direct urethrocystometry, 371 *ab*
Premature separation of the normally implanted placenta, 480 *ab*
see Canton, J. N., jt. auth.

Horn, R. C., Jr.: Problems in the pathologic diagnosis of carcinoma of the thyroid, 371 *ab*
see Block, M. A., jt. auth.
see Cahalane, S. F., jt. auth.
see Caldwell, M. J., jt. auth.
see Fine, G., jt. auth.
see Macksood, A. J., jt. auth.
see Miller, J. M., jt. auth.
see Sieracki, J. C., jt. auth.

House, H.: see Shambaugh, G. E., Jr., jt. auth.

Hu, F., Fosnaugh, R. P., and Lesney, P. F.: In vitro studies on vitiligo, 94 *ab*
and Lesney, P. F.: Comparative studies of human melanocytes in skins of varying degree of pigmentation, 52

International Symposium on Otosclerosis, 469

Jacobson, H. S. (New staff member) 363

James, T. N.: Arteries of the free ventricular walls in man, 371 *ab*
and Brown, R. W.: Myocardial infarction in young adults, 373 *ab*
and Reemtsma, K.: Response of sinus node function to ligation of the sinus node artery, 129
Role of the electrocardiogram in the differential diagnosis of acute chest pain, 192 *ab*
(New staff member), 363

Janke, W. H.: Temporary aortic by-pass by means of a mechanical device, 134

Johnson, S. A., Priest, E. M., and Caldwell, M. J.: Relationship of the oral anticoagulants to the blood coagulation mechanisms, 94 *ab*
see Caldwell, M. J., jt. auth.
see Pachter, M. R., jt. auth.
see Rebuck, J. W., jt. auth.
See Ulutin, O. N., jt. auth.

Johnston, J. A.: Metabolic and nutritional considerations in adolescence, 372 *ab*

Kay, S.: see Sieracki, J. C., jt. auth.

Kearney, E. B., and Bernath, P.: Studies on succinic dehydrogenase. XII. Flavin component of the mammalian enzyme, 373 *ab*
see Singer, T. P., jt. auth.

Kelly, A. P., Jr.: The injection of noxious materials into the hand, 464
Primary tendon repairs; a study of 789 consecutive tendon severances, 95 *ab*
and Clifford, R. H.: Subcutaneous fasciotomy in the treatment of Dupuytren's contracture, 94 *ab*
see Kislov, R., jt. auth.

Kimura, T., and Singer, T. P.: Functional organization of the respiratory chain in liver mitochondria, 192 *ab*
see Packer, L., jt. auth.

Kislov, R., and Kelly, A. P., Jr.: Cross-finger flaps in digital injuries, with notes on Kirschner wire fixation, 373 *ab*

Knoblich, R.: Extramedullary hematopoiesis presenting as intrathoracic tumors, 373 *ab*
Primary adenocarcinoma of the female urethra; review and report of 3 cases, 480 *ab*

Kopstein, J. B., and Burns, R. E.: Pseudoprimary cutaneous tuberculosis, 373 *ab*
see Livingood, C. S., jt. auth.

Kuipers, F. M., and Nixon, R. K.: Pericarditis as the presenting manifestation in subdiaphragmatic abscess, 360

Labsan, H. F., and Proctor, L. D.: Syringomyelia associated with Arnold-Chiari malformation (case report), 157

Lam, C. R.: Abnormalities of the heart and great vessels, 374 *ab*
Some additions to and subtractions from the armamentarium of the cardiac surgeon, 193 *ab*
Surgical treatment of ventricular septal defects, 374 *ab*
and Taber, R. E.: Simplified technique for direct vision pulmonary valvotomy, 95 *ab*
see Fallis, L. S., jt. auth.

Laubinger, G., Miller, J. M., and Smith, R. W., Jr.: Recurrent hyperparathyroidism, 374 *ab*

Lehninger, A. L.: Biochemical and structural organization of mitochondria (Ninth Edsel B. Ford Lecture, 1960), 391

Lesney, P. F.: see Hu, F., jt. auth.

Livingood, C. S., Brannen, M., Orders, R. L., Kopstein, J. B. and Rebuck, J. W.: Effect of prolonged reiseofulvin administration on liver, hematopoietic system, and kidney, 481 *ab*
see Reynolds, H., jt. auth.

McGregor, L. L.: see Fisher, H. F., jt. auth.

Macksood, A. J., Smith, R. F., Marshall, R. B., and Horn, R. D.: Warthin's tumor of the parotid gland 446

Manson, G.: see Frame, B., jt. auth.

Marshall, R. B.: see Fine, G., jt. auth.
see Macksood, A. J., jt. auth.

Mellinger, R. C.: see Smith, R. W., Jr.

Menard, R. R.: see Greer, J. E., jt. auth.

Miller, J. M., Horn, R. C., and Block, M. A.: Increasing incidence of carcinoma of the thyroid in a surgical practice, 95 *ab*
see Laubinger, G., jt. auth.

ab abstract

INDEX

Mitchell, C. L.: Presidential address (American Orthopaedic Association, 1959), 193 *ab*
and Fleming, J. L.: Fractures and fracture-dislocations of the ankle, 193 *ab*

Monto, R. W.: see Rebuck, J. W., jt. auth.
see Riddle, J. M., jt. auth.

Morgan, W. L.: see Fuller, R. E., jt. auth.

Mota, C., Zikria, A., and Taber R. E.: Cardiac arrest outside the operating room with successful resuscitation; report of 2 cases 193 *ab*

Neufeld, J.: see Hodgkinson, C. P., jt. auth.

Nickel, S. N.: see Rupe, C. E., jt. auth.

Nixon, R. K., and Priest, R. J.: Familial recurring polyserositis simulating acute surgical condition of the abdomen, 374 *ab*
see Eyler, W. R., jt. auth.
see Kuipers, F. M., jt. auth.
see Priest, R. J., jt. auth.

Noe, F. E.: see Pauli, H. G., jt. auth.

Oleksiuk, S.: see Schuknecht, H. F., jt. auth.

Orders, R. L.: see Livingood, C. S., jt. auth.

Ormond, R. S., and Poznanski, A. K.: Pulmonary veins in rheumatic heart disease, 375 *ab*

Pachter, M. R.: Macroglobulinemia of Waldenstrom; clinical, laboratory and anatomic features, 194 *ab*
Johnson, S. A., and Basinski, D. H.: Effect of macroglobulins and their dissociation units on release of platelet factor 3, 194 *ab*

Packer, L., Estabrook, R. W., Singer, T. P., and Kimura, T.: Studies on choline dehydrogenase. II. Components of the choline oxidase system and the site of action of amytal 375 *ab*

Parsons, J.: Analysis of pathological crystals by x-ray diffraction, 175
Application of x-ray diffraction to medical problems, 481 *ab*

Pauli, H. G., Noe, F. E., and Coates, E. O., Jr.: Ventilatory response to increasing arterial CO_2 tension employing a rebreathing method in normal individuals and in patients with cardiac disease, 95 *ab*

Peterson, J. E.: The physician and his education, 310

Ponka, J. L., Fox, J. D., and Brush, B. E.: Co-existing carcinoma and diverticula of the colon; a review of 355 cases of carcinoma of the colon, 194 *ab*
Fox, J. D., and Brush, B. E.: Co-existing carcinoma and diverticula of the colon, 376 *ab*
see Fallis, L. S., jt. auth.
see Fox, J. D., jt. auth.
see Whitcomb, J. G., jt. auth.

Poznanski, A. K.: Cyst of the left triangular ligament of the liver, 195 *ab*
see Ormond, R. S., jt. auth.

Priest, R. J., and Nixon, R. K.: Familial recurring polyserositis; a disease entity, 195 *ab*
Rebuck, J. W., and Havey, G. T.: New qualitative defect of leukocyte function in ulcerative colitis, 376 *ab*
see Bridwell, T., jt. auth.
see Brinkman, G. L., jt. auth.
see Eyler, W. R., jt. auth.
see Havey, G. T. jt. auth.
see Johnson, S. A., jt. auth.
see Nixon, R. K., jt. auth.

Proctor, L. D.: Migraine equivalents, 99
see Labsan, H. F., jt. auth.

Quinn, E. J., Colville, J. M., and Cox, F., Jr.: Comparative studies of erythromycin propionate, erythromycin sterate, and triacetyloleandomycin, 376 *ab*

Rebuck, J. W., Riddle, J. M., Johnson, S. A., Monto, R. W. and Sturrock R. M.: Contributions of electron microscopy to the study of platelets, 273
Boyd, C. B., and Riddle, J. M.: Skin windows and the action of the reticulo-endothelial system in man, 481 *ab*
see Livingood, C. S., jt. auth.
see Priest, R. J., jt. auth.
see Riddle, J. M., jt. auth.

Reemtsma, K.: see James, T. N., jt. auth.

Remp, D. G.: see Brinkman, G. L., jt. auth.

Revzin, M.: Anesthesia: History's answer to man's need, 195 *ab*

Reynolds, H., Hildebrand, J. F., Livingood, C. S., and Fosnaugh, R. P.: Clinical features of contact dermatitis due to neomycin; report of case 96 *ab*
and Livingood, C. S.: Use of relaxin in management of ulceration and gangrene due to collagen disease, 195 *ab*

Riddle, J. M., Rebuck, J. W., and Monto, R. W.: Platelet abnormalities in pernicious anemia, 377 *ab*
see Rebuck, J. W., jt. auth.

Rodenbaugh, J. E. (New staff member), 363

Roth, H.: see Frost, H. M., jt. auth.

Rowe, E.: see Heller, W., jt. auth.

Rupe, C. E., and Nickel, S. N.: New clinical concept of systemic lupus erythematosus; analysis of 100 cases, 96 *ab*

Schenker, W.: see Szilagyi, D. E., jt. auth.

Schimek, R. A., and Barsky, D.: Evaluation of Gelfilm in cyclodialysis clefts. Part II, 196 *ab*

Schuknecht, H. F.: Destructive therapy for Meniere's disease, 377 *ab*
Film: Stapedectomy and graft-prosthesis operation, 482 *ab*
Functional alterations from sensory-neural lesions, 482 *ab*
Technique for acquiring and preparing

ab abstract

INDEX

the human temporal bone for pathologic study and for anatomical surgical dissection, 378 *ab*

and Oleksiuk, S.: Metal prosthesis for stapes ankylosis, 483 *ab*

see Shambaugh, G. E., Jr., jt. auth.

see Singleton, G. T., jt. auth.

(Special award), 476

Sestakof, D.: see Ulutin, O. N., jt. auth.

Shambaugh, G. E., Jr., Derlacki, E. L., Harrison W. H., House H. House, W., Hildyard, V., Schuknecht, H., and Shea, J. J.: Dihydrostreptomysin deafness, 96 *ab*

Shea, J. J.: see Doub, H. P., jt. auth.

see Shambaugh, G. E., Jr., jt. auth.

see Shick, J. E., jt. auth.

Shelata, S.: see Bartlett, P., jt. auth.

Shick, J. E., and Shea, J. J.: Pyeloureteritis cystica, 378 *ab*

Sieracki, J. C., Fine, G., Horn, R. C., Jr., and Bebin, J.: Central nervous system involvement in Whipple's disease, 379 *ab*

Beher, W. T., and Baker, G. D.: Experimental aortic atherosclerosis in rabbits following the ingestion of dihydrocholesterol, 484 *ab*

Horn, R. C., Jr., and Kay, S.: Pulmonary alveolar proteinosis; report of 3 cases, 97 *ab*

Sigler, J. W.: see Ensign, D. C., jt. auth.

Singer, T. P., and Kearney, E. B.: Flavoprotein catalysis in the action of the cytochrome-reducing dehydrogenases (review), 379 *ab*

see Boeri, E., jt. auth.

see Kimura, T., jt. auth.

see Packer, L., jt. auth.

Singleton, G. T., and Schuknecht, H. F.: Experimental fracture of the stapes in cats, 379 *ab*

Smith, R. F., and Szilagyi, D. E.: Ischemia of the colon as a complication in the surgery of the abdominal aorta, 380 *ab*

see Macksood, A. J., jt. auth.

see Szilagyi, D. E., jt. auth.

Smith, R. W., Jr., Eyler, W. R., and Mellinger, R. C.: On the incidence of senile osteoporosis, 380 *ab*

and Mellinger, R. C.: Some fundamentals of gonadal development and function, 324

see Laubinger, G., jt. auth.

Stein, L.: see Elliott, D. N., jt. auth.

Sturrock, R. M.: see Rebuck, J. W., jt. auth.

Szilagyi, D. E.: An elastic dacron arterial substitute, 196 *ab*

Smith, R. F., and Whitcomb, J. G.: The kidneys in surgery of the abdominal aorta, 97 *ab*

Whitcomb, J. G., Schenker, W., and Waibel, P.: The laws of fluid flow and arterial grafting, 381 *ab*

see Smith, R. F., jt. auth.

Taber, R. E., and Tomatis, L. A.: Operation of a bubble type pump-oxygenator, 97 *ab*

see Lam, C. R., jt. auth.

see Mota, C., jt. auth.

Talley, R. W. (New staff member), 364

Templeton, A. W.: Colon sphincters simulating organic disease, 485 *ab*

Thomas, M. A., and Fine, G.: Leiomyosarcoma of veins, 382 *ab*

Tomatis, L. A.: see Taber, R. E., jt. auth.

Truant, J. P.: Vaccination against tuberculosis with ultrasonic-vibrated tubercle bacilli, 438

Ulutin, O. N., and Johnson, S. A.: The platelet defect in polycythemia vera, 382 *ab*

and Sestakof, D.: Study on hypercoagulability using heparin loading test, 63

Vaitkevicius, V. K. (New staff member), 364

Van Slyck, E. J.: Acute leukemia in adults, 151

van den Ende, H.: Standing wave problems in acoustic behavioral testing of animals, 299

Via, W. F., Jr., and Churchill, J. A.: Relationship of enamel hypoplasia to abnormal events of gestation and birth, 98 *ab*

Villanueva, A. R.: see Frost, H. M., jt. auth.

Waibel, P.: see Szilagyi, D. E., jt. auth.

Watson, J. H. L.: An electron microscopical study; the structure and morphology of ultramicroscopic dendrites of alpha iron, 486 *ab*

Arrott, A., and Freeman, M. W.: Effects of magnetic fields upon anisotropic iron crystals, 485 *ab*

and Freeman, M. W.: An electron microscopical study; some effects of magnetic field upon single, anisotropic alpha iron crystals and the relation between their fine structure and magnetic properties, 485 *ab*

see Freeman, M. W., jt. auth.

see Heller, W., jt. auth.

Whitcomb, J. G., and Ponka, J. L.: Revised suture method for repair of hepatic lacerations; an experimental study with an illustrative, clinical case, 116

see Szilagyi, D. E., jt. auth.

(New staff member), 364

Wilson, G. M.: see Ensign, D. C., jt. auth.

Wolf, C.: Hypoglycemia, 68

Wylie, J. H., Jr.: see Brush, B. E., jt. auth.

see Gilfillan, N., jt. auth.

see Hafner D. C., jt. auth.

Ziegler, R. F.: Clinical contribution of electrocardiography in mechanical malformations of the cardiovascular system, 196 *ab*

see Coleman, J. F., jt. auth.

Zikria, A.: see Mota, C., jt. auth.

Zworykin, V. K.: Electronic techniques in medicine (Eighth Edsel B. Ford Lecture, 1959) 1

ab abstract